# Horticultural abstracts





# COMMONWEALTH BUREAU OF HORTICULTURE AND PLANTATION CROPS

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Actinidia species	15	70	140	102	263	220	115	502	561	622	725	822
Currants	15 15	79 80	140	193	263	339 339	415	502 503	561 561	633 633	725 725	822 823
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Blackberries	_	_	140	194	264	_	415			_	725	823
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General	18	82	142	-	265	342	417	505	564	636	728	825
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Reproduction	21	85	145	201	268	345	420	508	567	640	731	831
Harvesting and handling	21	85	145 145	201	268 269	345 345	421 421	509 509	567 567	_	731 732	832
Quality By-products	21	85	143	201	-		-	-	567	_	-	
Sundry crops	-	-	_	201	269	345	421	509	-	641	732	832
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GREENHOUSE General	21	85	145	202	269	345	422	510	567	641	732	832
Alliaceae		-	146	-	270	347	_	-	568	643	733	834
Garlic	-	_	146 146	204	270 270	347 348	423 423	511	568 568	643	733 733	834 834
Leeks	_	87	147	204	270	348	424	511	568	644	733	834
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Red beet	24	87 87	148	204	272	330	424	512	569	645	734	835
Spinach beet	_	_	_	205	_	_		_	-	_	735	-
Compositae	0.4	0.77	1.40			250	125			615	725	926
Artichokes (globe)	24	87 88	148	205	272	350	425	marker .	569	645	735	836
Artichokes (globe) Cardoons	_	_		_	-	_	_	_	-	_	-	1.4
Chicory	24	-	148	205	273	-	425	512	569	645		-
Endive	25	88	1.40	205	272	350	125	512 512	570 570	645	735	836
Lettuce Salsify	25	88	148	205	273 273	350 351	425	512	370	043	-	030
Scorzonera	_			_	274	_	_	_	570	646	736	
Other composites	_		-	-59	-	-		_	_	-	-	-
Cruciferae Brassicas	25	89	149	206	274	351	426	513	570	647	736	837
Cress		-	150	_	_	-	-	513	_	-	-	839
Radishes	27	90	150	208	274	353	427	513	571	648	738	839
Watercress	_ 27	90 90	150	208	275	354	427	513	571	648	738	839
Cucurbitaceae Leguminosae	21	90	130	200	413	234	44/	313	3/1	040	130	037
Beans (Phaseolus)												
General		92	1.51	_	~	357	429	514	-	-	741	842
Selection and varieties Propagation and planting	29	92 92	151 151	211	277	357	429 430	515 515	573 573	652 652	741 741	842 842
Climate	-	92	-	212	_	357.	430	-	_	652	742	842
Management	-	92	152	212	278	_	430	515	573	652	742	842
Soils and nutrition	29	92	152	212	270	357	430	515	573	652	742	843
Crop protection Physiology and biochemistry	29 30	92 92	152 152	213	278 278	357 358	431	515 515	574 574	653 653	742 743	843 844
Reproduction	-	_	_		278	_	432	_	_	_	_	845
Harvesting and handling		93	_	214	278	_	_	516	574	654	-	-
Quality Beans ( <i>Vicia</i> )	31	93 93	153	214	278	359	432 432	516	574 575	654	744	845 845
Beans (Cyamopsis)	_	94	-	_	_	_	-	-	-	654	745	_
Peas	31	94	154	215	279	359	433	517	575	654	745	846
Other genera Liliaceae – Asparagus	33	95	154	_	279	360	435	518	576	656	746	849 849
Malvaceae - Okra	33	95	-	218	279	360	435	518	576	657	747	849
Polygonaceae – Rhubarb	-	95		218	280	_	-	_		-	_	-
Solanaceae Capsicums	33	95	155	218	280	361	436	518	577	657	747	849
Eggplants	34	96	155	219	280	362	437	519	577	657	747	850
Tomatoes												
General Selection and varieties	34	96 96	155 155	219 219	281 281	362	437	520	578	658	748	850
Propagation and planting	34	-	155	220	281	363	437	520 520	578	658	748 748	850 851
Climate	_	_	156	_	281	363	438	520	578	659	_	851
Management Soils and nutrition	34	96	156	220	281	364	438	520	578	659	749	851
Crop protection	35 36	96 97	156 156	221	282 282	364 365	438	520 521	579 579	660	749 749	852 853
Physiology and biochemistry	37	97	157	222	283	365	440	522	580	661	751	854
Reproduction	38	-	157	_	283	367	441	522	580	663		854
Quality	38 38	97 97	158 158.	222	283 283	367	441	522	581	663	751	855
Umbelliferae	50	, ,	130.	243	203	367	441	523	581	663	751	855
Carrots Parsnips	38	98	158	223	284	367	441	523	581	663	752	855
Colory	39	 99	159		285	-	442		581	-	_	857
Celeriac	39	100	139	224	285	_	442	_	581 582	664	753	857
Sundry crops	39	_	159	224	285	369	-	523	582	664	753	857
Mushrooms ORNAMENTAL PLANTS	39	100	159	224	285	370	442	523	582	665	753	857
General	39	101	159	225	285	370	443	524	582	666	754	950
Propagation and nursery management-gener	al 40	102	160	225	286	370	443	525	583	666	754 755	858 859
Weed control and plant protection-general	40	102	160	226	287		444		584	668	755	860
Chrysanthemums	41	102	161	226	287	372	444	525	584	669	756	860
***	72	103	101	227	287	372	445	525	585	670	757	861

	NIAMENTAT '	DIAN	ITC (a	antin:	(bor														
	NAMENTAL : Geraniums or				iea)		42	103		227	288	1_0	446	_	585	671	757	862	
	Gerberas						43	_	161	227	288	373	_	527	_	671	758	862	
	Morning glorie	S		***	***		43	_	162	-	-	373		_		671	758	862	
	Petunias	***	***	***	•••		43	104	162	228		373	446	527	_	672	758	862	
	Primulas	•••	*** >	•••	•••	•••	-	104	162		288 288	374	446 446	527	585	_	- 758	863	
	Snapdragons Other annual a	nd he	 erhacec		ante	•••	43	104	162	228	288	374	446	527	585	672	758	863	
	Bulbs, tubers e						44	105	-	228	289	374	447	528	586	672	760	864	
	Anemones		5011010	***				_	_	228	_	_		529	587	673	760	864	
	Begonias			***			44	105	162	229	289	375	447	529	587	673	760	864	
	Crocuses						-	-	_	_	-		447	_	_	673	760	12	
	Cyclamen			***	***	***	_	-	163	229	-	375	447	529	-	673	760	865	
	Dahlias	***	***	***	***	***	_	100	_	229	I	275	448	520	F07	(72	761	865	
	Freesias Gladioli	***	•••	***	***	***	44	106	163	229 229	289	375 375	448 448	529 529	587 587	673 673	761 761	865 865	
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	Hyacinths				***	•••	44	_		230	289		449	_	588	674	761	865	
	Irises				***		44	-		_	_	376	449	530	588		761	865	
	Lilies						44	106	163	230	289	376	449	530	588	674	761	865	
	Narcissi						-	106	163	230	289	_	449	-	588	-	762	866	
	Nerines	•••	***	***	***	•••	-	-	-	_	_	_	450		-	674		-	
	Tulips			***	***	***	45	107	164	230	289	376	450 451	530	588	674	763 763	866 867	
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	Bromeliads		***		***		46	108	_	_	291	_	452	532	_	_	765	870	
	Other foliage a				its		46	108	165	231	291	379	452	532	589	676	765	870	
	Orchids						46	_	165	232	291	379	452	532	589	677	766	872	
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	Hydrangeas	•••	***		***		_	_	165		_	_			590	_	767	873	
	Ivies						47	-	_	233	_		454	533		_	767	873	
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	Other trees and	d shru		***		•••	49	110	166	235	293	382	456	534	592	681	770	875	
	NOR TEMPER			TROI	PICAL	,													
	INDUSTRIAL	CRC	PS																
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SU	Condiments ar Dyes Essential oils Hard fibres Hops Insecticidal pla Medicinal plan Perennial fatty Sundry plants B-TROPICAL CROPS General Avocados Carobs Citrus	ind spi	ces	   D PL	ANTA	    TION	50 51 51 51 51 51 51	110 110 - - 111 112 112	167 167 - 168 168 168 169 170	236 236 237 237 237 239 239 239	294 294 295 295 295 297 298	384 - 385 385 385 387 - 387 -	459 459 - 460 - 461 463 - 464	535 535 535 535 536 536 536 	593 593 593 594 - 595 595 595 596	683 	771 - 772 773 773 774 774 - - 776 776	876 - 877 - 878 879 879 - 882	
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TROPICAL FR	UIT AN	ND PL	ANTA	TION	CROPS													
General				***	***	55	118	172	243	-	391	469	540	600	692	779	-	
Annona spec			***			-	_	_	243		392	469	540	-	-	780	887	
Arecanuts	***					55	_	_	_	300	392	469	-	601	692	780	-	
Bananas and	abaca					55	118	172	243	300	392	469	540	601	692	780	887	
Cacao						56	118	173	243	300	392	470	541	601	694	781	887	
Cashews						57	119	173	244	300	393	_	541	_	694	782	888	
Coconuts						57	119	173	244	300	393	470	541	602	694	782	888	
Coffee	***					58	120	174	244	301	394	471	541	602	694	782	888	
Cola					***	59		_	_	_	396		542	-		783	889	
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<b>AUTHOR INDE</b>	EX									1								
SUBJECT INDE	EX																	

Symbol	Unit or Prefix	Symbo	Ol Unit or Prefix	Symbol	Unit or Prefix
a	are	g	gramme	μbar	microbar
A	ampere	G	giga-	min	minute (time)
Å	angstrom ,	gal	gallon	mol	mole
atm	standard atmosphere	h	hecto-	n	nano-
Btu	British thermal unit	h	hour	Ω	ohm
bu	bushel	hp	horsepower	oz	ounce
c	centi-	hz	hertz	p	pico-
°C	degree Celsius	in	inch	pt	pint
cal	calorie	J	joule	q	quintal
cd	candela	k	kilo-	qt	quart
Ci	curie	1 ,	litre	r	Roentgen
ctl	cental	lb	pound	rad	rad (amount of
cwt	hundredweight	lbf	pound-force		absorbed radiation)
d	deci-	lm	lumen	s	second (time)
da ·	deca-	1x	lux	t	tonne (metric ton)
erg	erg	m	metre	T	tera-
f	femto-	m	mille-	ton	ton
°F	degree Fahrenheit	mbar	millibar	V	volt
fl oz	fluid ounce	M	mega-	W	watt
ft	foot	μ	micro-	yd	yard
SYMBOLS	FOR LANGUAGES			4	,
	kaans	Fi	Finnish		Dutch and Flemish
Ar Aral Be Belo	orussian	Fr	French		Norwegian
	arian	Gr	Greek		Polish
Ch Chir		He Hu	Hebrew		Portuguese
Cs Czec		In	Hungarian Indonesian		Romanian Russian
Da Dan		It	Italian		Kussian Serbo-Croat
De Gerr	man	Ja	Japanese		Slovak
	nian	Ko	Korean		Slovene
En Engl		Li	Lithuanian		Swedish
	eranto	Lv	Latvian		Turkish
Es Spai	nish	Ma	Macedonian		Ukrainian

Symbols with capitals represent the language of the paper; symbols without capitals the summaries.

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The Commonwealth Agricultural Bureaux (CAB) is a co-operative venture established by Commonwealth Governments. The organization is controlled by an Executive Council composed of nominees of the various Commonwealth Governments, including one for the Dependent Territories. On the following pages are lists of the present members of the Executive Council, together with the names of Liaison Officers who form the primary link in the member country. The organization exists to provide specialized services for agricultural scientists and, through an Institute based in Trinidad with stations in various parts of the world, to undertake field work in biological control.

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Page	Abstract	Line	
4	30	18-19	For 'Aharoni, Y.;' read 'A. Ghergi, K. Millim,'
12	120	6	For '( $\nu$ )' read '( $\psi$ )'
12 53	120 587	13 6	For ' $\psi$ ' read ' $\psi$ ' For 'M. odorata' read 'Morrenia odorata'
99	1105	8	For 'effect of HCO <sub>3</sub> - on Cl- and HCO <sub>3</sub> -, read 'effect of HCO <sub>3</sub>
	1105	O	on Cl <sup>-</sup> influx. Cl <sup>-</sup> and HCO <sub>3</sub> '
100	1123	5	For 'malthousie' read 'malthousei'
101	1129	12	For 'Otiorrhynchus' read 'Otiorhynchus'
109 110	1209 1210	1 2	For 'SECALIS, J.N.' read 'SACALIS, J.N.' For 'Camellia japonica' read 'Camellia japonica'
129	1422	22	For 'pentagona' read 'pentagena'
196	2230	4	For 'Publicación Miscelanea (1973) 50' read 'Publicación Miscelanea,
			Estación Experimental Agrícola de Tucuman (1973) No. 50'
214/5	2450	3/4	For 'Diptera: Agromyzidae' read 'Diptera: Agromyzidae'
238	2737	4	For 'Abhoff-' read 'Abhangigkeit variierter Stickstoff-'
255 264	3039	19 18	Add 'See also 2916' For 'required 200 h' read 'required for normal flowering.
204	3037	10	Woodard plants also required'
264	3039	21	For '0-2 400' read '0-2400h'
271	3131	5&10	For 'bysoidea' read 'byssoidea'
303	3542	8 4	For 'Melanapsis' read 'Melanaspis'
338 342	3820 3866	10	For 'Aronia melanocarpa' read 'Aronia melanocarpa' For 'diploidiella' read 'diplodiella'
350	3954	21	For 'and sugar concentrations were' read 'and sugar concentrations.
			Since the lowest sugar and highest glutamine concentrations were'
361	4094	1/2	For 'A method of treating paprika seed with vitamin solutions' read
364	1434	1	'A method of seed treatment with vitamin solutions for eating paprika' For 'OŚWECIMSKI' read 'OŚWIECIMSKI'
382	4341	1 3	For 'November' read '159(21)'
394	4499	8	For 'ferrugineus. In' read 'ferrugineus. All treatments except methyl
			demeton were effective. In'
472	5442	20	For 'sucrose confirmed' read 'sucrose reached 6% (o.p. 5.25 atm). The
490	5563	14 '	substitution of mannitol for part of the sucrose confirmed' For 'P. expansum' read 'P. expansum'
493	5602	8	For ', and boron content in' read 'in deficient orchards and 12.1'
504	5717	7	For 'NH <sub>4</sub> -N was' read 'NH <sub>4</sub> -N at a concentration of 50 p.p.m. N. Plant
			analyses showed NO <sub>3</sub> -N was'
504	5728	2	For 'micro-propagation' read 'micro-propagation'
507 522	5762 5930	14 8	For 'diploidella' read 'diplodiella' For 'Kieferia lycopersici' read 'Keiferia lycopersicella'
524	5953	61	Add 'Patricia Rowe-Dutton'
535	6084	1-2	For 'wasabi (Wasabi japonica)' read 'wasabia (Wasabia japonica)'
536	6100	6	For 'tricophyllus' read 'trichophyllus'
542	6174	8 12	For 'Rotylenchus' read 'Rotylenchulus'
550 630	6245 7147	13-14	For 'Metarhizium' read 'Metarrhizium' For 'Giulivo, C.,' read 'experience on the chemical'
668	7568	6,7,16	For 'Symphoricarpus' read 'Symphoricarpos'
744	8465	15	For ' $\xi p > 0$ (i.e. $\Psi > \psi_{so}$ )' read ' $\psi p \leq 0$ (i.e. $\Psi \leq \psi_{so}$ )'
773	8809	9	For 'Otiorrhynchus' read 'Otiorhynchus'
780 787	8905 8993	13 12	For '(Radopholus similis)' read '(Radopholus similis)' For 'hoeing, with' read 'hoeing with'
813	9203	4-5	For 'Pezicula malicorticis' read 'Pezicula malicorticis'
843	9585	10	For '(appendiculatus)' read '(appendiculatus)'
858	9761	7	For 'redolens' read 'redolens'
862 869	9803 9883	7	For 'peltatum' read 'peltatum' For 'ophiaroides' read 'ophiuroides'
870	9900	6 5	For 'splendens' read 'splendens'
889	10159	5	For 'mangifera' read 'mangiferae'

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The regeneration of plants from root cuttings with special reference to the apple, by J.C. Robinson.

June 1975. Pages 305-315

Science, economics and the future, in a context of horticulture, by R.R.W. Folley.

August 1975. Pages 477-483

The influence of some growth regulating compounds on the uptake, translocation and concentration of mineral nutrients in plants, by J.B.D. Robinson.

October 1975. Pages 611-618

The use of shade in coffee, cocoa and tea, by R.W. Willey.

December 1975. Pages 791-798

Available, as separates, from the Commonwealth Bureau of Horticulture and Plantation Crops, East Malling, Kent at 50 p. per copy.

#### **AUTHOR INDEX**

National, research and public organizations, but not commercial firms, are indexed under relevant country

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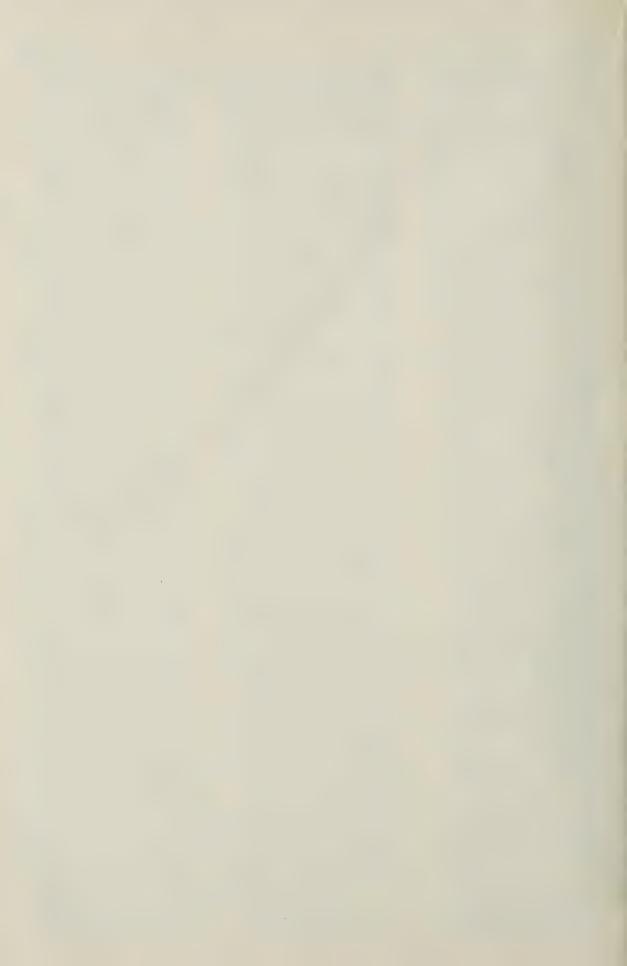
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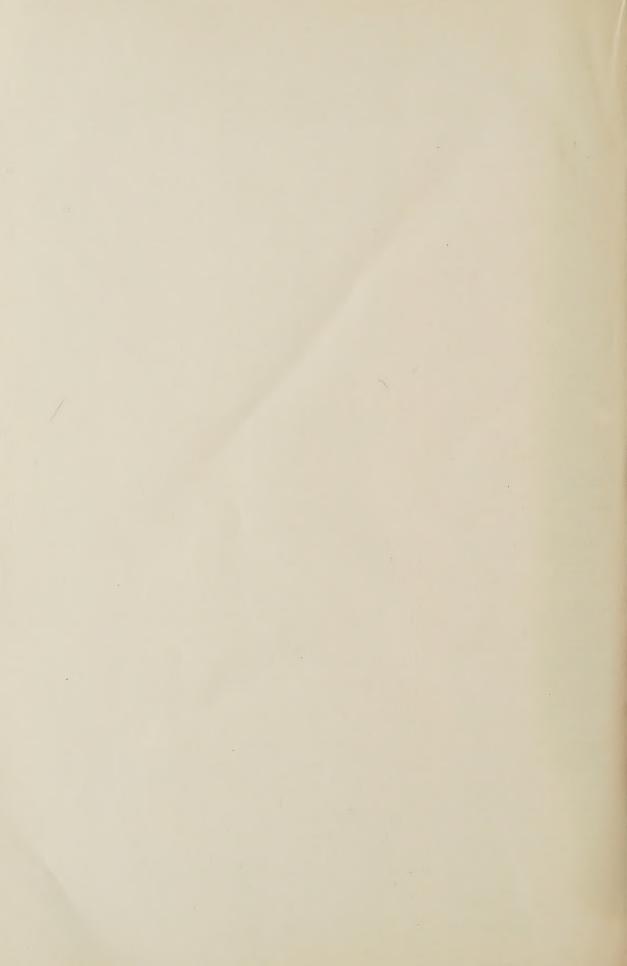
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